Caelean Barnes

Engineering and Design

SKILLS

Python	Django
JavaScript	React
Java	AWS
HTML	CSS
Node	Shell
Jenkins	Git

CONTACT

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WORK EXPERIENCE

Software Engineer, Investor Services @ Carta
July 2016 – Current
- Built Cap Table Access page, increasing requests by over 50%
- Built Investor Relations page, allowing companies to control the information rights of their investors
- Developed LP document distribution tool for funds and LLCs
- Created Audit Confirmation Report and user tools to generate company-tailored excel reports

Web Development Intern @ Roku
June - September 2015
- Built a custom search engine with autosuggest using React and AWS
- Migrated over 40 web pages to international web framework
- Automated syncing of different version control platforms
- Migrated soundbridge.roku.com and photobridge.roku.com from Rackspace to AWS

CSE Section Lead @ UCSD Jacobs School of Engineering
December - June 2016
- Personally responsible for a group of 12 students
- Met weekly to help explain key programming concepts
- Held lab hours to help students solve their issues
- Tested and graded code, projects, and exams

Research Intern, Internet Research Lab @ UCLA Henry Samueli School of Engineering
June - August 2013
- Collaborated with Prof. Lixia Zhang on the Named Data Networking project building future internet architecture
- Published scientific research poster "Web Based NDN File System Access" showcasing the benefits of NDN compared to IP Addresses
- Created database, server, and web page demonstrating NDN

EDUCATION

UC San Diego, Jacobs School of Engineering, 2018
B.S. Computer Science
Minor in Cognitive Science
- 3.5 GPA - Provost Honors
- UCSD Earl Warren College Honors Society
- Club Water Polo, Club Swim, Sigma Chi

PROJECTS

- Twittermap, Livelist, Instajob, MINI, QuadCopter
- Project details and recommendations listed on LinkedIn